1. Convert Binary to Hexadecimal
    A. 61F
    B. 8FC
    C. 1645
2. Convert signed binary to decimal
    A. 1100 1010
        a. Signed_Magnitude = -74D
        b. One's Complement = -53D
        c. Two's Complement = -54D
    B. 1111 0010
        a. Signed_Magnitude = -114D
        b. One's Complement = -13D
        c. Two's Complement = -14D
    C. 1000 0111
        a. Signed_Magnitude = -7D
        b. One's Complement = -120D
        c. Two's Complement = -121D
3. Convert decimal to two's complement
    A. -100D
        a. Signed_Magnitude = 11100100
        b. One's Complement = 10011011
        c. Two's Complement = 10011100
    B. -16D
        a. Signed_Magnitude = 10010000
        b. One's Complement = 11101111
        c. Two's Complement = 11110000
    C. -21D
        a. Signed_Magnitude = 10010101
        b. One's Complement = 11101010
        c. Two's Complement = 11101011
    D. -0D
        a. Signed_Magnitude = 10000000
        b. One's Complement = 11111111
        c. Two's Complement = 00000000
4. Range of 7-bit number
    A. 0 - 127
    B. -64 - 63
5. Truth Table
    A. 1000
    B. 1110
    C. 1000
6. Hexadecimal ASCII value
    A. g
        a. Binary: 0110 0111
        b. Hexadecimal: 67
    B. ^
        a. Binary: 0101 1110
        b. Hexadecimal: 5E
    C. $
        a. Binary: 0010 0100

b. Hexadecimal: 24

7. Arithmetic Operation 25 - 65
   A. Binary Conversion
      a. 25
         1. 00011001(sm)
         2. 01100110(1's)
         3. 00011001(2's)
      b. -65
         1. 11000001(sm)
         2. 10111110(1's)
         3. 10111111(2's)
   B. Procedure
      a. 00011001
         +10111111
         11011000

         11011000 to 1's = 11010111
         11010111 to sm = 10101000
         (10101000)b = (-40)d